

CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CD NO.

COUNTRY Germany (Soviet Zone)

DATE DISTR 27 APR 51

SUBJECT General Report on the Chemiewerk Leuna
(SAG Mineraldfinger)

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50X1-HUM

THIS IS UNEVALUATED INFORMATION

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1. The present output of synthesis gases is as follows:

40,000 m³/hr carbon monoxide - hydrogen via coke water gas.70,000 m³/hr carbon monoxide - hydrogen from "Winkler" water gas.

2. Planned increases in production are related to the Winkler water gas, the increased output of which is itself dependent on the oxygen capacity. The latter is at present 22,000 cubic meters per hour (corresponding to 70,000 cubic meters per hour of carbon monoxide plus hydrogen). It is planned to install a new Fränk-Linde plant in 1951 with a capacity of 3000 cubic meters of oxygen (corresponding to 10,000 cubic meters per hour of carbon monoxide plus hydrogen).
3. It was originally planned to install a plant for the production of a further 12,000 cubic meters of oxygen per hour resulting in the additional production of 40,000 cubic meters per hour of synthesis gases. This would have required the operation of one small and five large Winkler generators. In addition, the further high pressure chambers* for the hydrogenation of brown coal, corresponding to an annual output of 90,000 tons of petroleum were to have been installed.
4. The remaining portion of the additional 50,000 cubic meters/hour of synthesis gases (10,000 - 40,000) not used for the increased output of petrol from brown coal would have been used for the production of synthetic ammonia. This would have raised the output of nitrogen by 50,000 tons per year, part of which was to be converted into nitric acid for nitrogenous fertilizer production.
5. The original planned 1951 budget was reduced from approximately DM (Ost) 100 million to DM (Ost) 13 million; all that remains of the capital construction program is the new Fränk-Linde plant.

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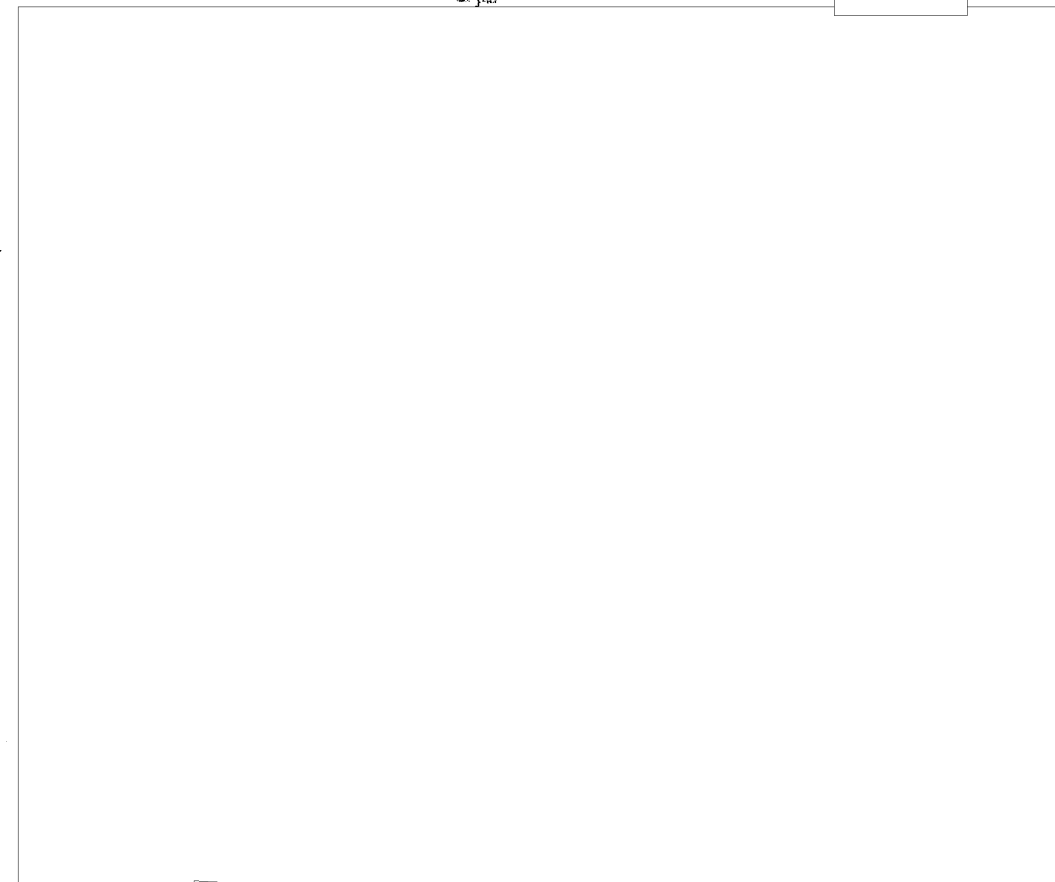
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Comment: [redacted] only one chamber for the hydrogenation of brown coal is currently in operation; there is insufficient compression to operate more than one of the eight chambers (50% of the 1939 figure).

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